

ABSTRACT OF THE DISCLOSURE

[000209] A wireless communication receiver comprises an antenna array and a joint searcher and channel estimator. Plural antenna elements of the array provide respective plural series of signals for successive sets of pilot data. The joint searcher and channel estimator essentially concurrently considers the plural series of signals provided by the plural antennas for determining both a time of arrival and channel coefficient. The joint searcher and channel estimator applies the channel coefficient and the time of arrival to a detector which provides, e.g., a symbol estimate.